

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 0563 Tyler Island

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0563 Tyler Island

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough (Tyler Island)			Left	12.11
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2018 - 3/30/2018			
DWR Inspector	Keith Millard			
Accompanied By	Steve Mello RD 563			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.00	Rating **	A	Issue No.	58
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0563_01_s_2012_58				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M Manual.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	101
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0563_01_s_2013_101				
Comment Code					
Inspector Comment					
The LMA maintains an adequate stockpile of flood fight supplies.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	102
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0563_01_s_2013_102				
Comment Code					
Inspector Comment					
The LMA has received flood fight training within the last two years.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.01	Rating **	M	Issue No.	130
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.235059 °	38.235059 °
				-121.517480 °	-121.517480 °
DWR ID	DWR_RD0563_01_f_2016_130				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.02	Rating **	M	Issue No.	771	
LM End	0.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.234936 °	38.234936 °	
				-121.517528 °	-121.517528 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14864 DS_ID:20199 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine disposition of pipe. Was it abandoned properly? FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, at an unknown depth. 36-inch concrete standpipe at the landside (LS) toe. Unable to locate pipe, 06/11/2013. [Additional Reference(s): USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 6+39), listed as a 1-inch pipe and a 36-inch pipe]. FS Date: 6/11/2013						

Photo 1 of 1 : UCIP_SP_2018_14864_24503.jpg



36-inch concrete standpipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.10	Rating **	C	Issue No.	59
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.234113 °	38.234113 °
				-121.518467 °	-121.518467 °
DWR ID	DWR_RD0563_01_s_2013_59				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dead tree should be removed.					

No Photos

LM Start	0.11	Rating **	M	Issue No.	4
LM End	0.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.234018 °	38.234018 °
				-121.518547 °	-121.518547 °
DWR ID	DWR_RD0563_01_s_2012_4				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.12	Rating **	M	Issue No.	28
LM End	0.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.233910 °	38.233655 °
				-121.518722 °	-121.519000 °
DWR ID	DWR_RD0563_01_s_2012_28				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_28_20180305_00020.jpg



Looking southeast at landscaping on landside slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.15	Rating **	M	Issue No.	138
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.233572 °	38.228100 °
				-121.519080 °	-121.525225 °
DWR ID	DWR_RD0563_01_f_2015_138				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation on landside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_138_20180305_00114.jpg



Looking west at dense veg on landward slope.

LM Start	0.15	Rating **	M	Issue No.	138 (cont)
LM End	0.66	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_138_20180305_00115.jpg



Looking east at dense veg on landward slope.

LM Start	0.15	Rating **	M	Issue No.	10
LM End	0.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.233572 °	38.233572 °
				-121.519083 °	-121.519083 °
DWR ID	DWR_RD0563_01_f_2013_10				
Comment Code					
BU : Building					
Inspector Comment					
Tool shed and fire pit on landward slope and toe.					

Photo 1 of 3 : SP_2018_RD0563_210_10_20180305_00007.jpg



Looking east at fire pit on landward slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.15	Rating **	M	Issue No.	10 (cont)	
LM End	0.15	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.233572 °		38.233572 °
				-121.519083 °		-121.519083 °
DWR ID	DWR_RD0563_01_f_2013_10					
Comment Code						
BU : Building						
Inspector Comment						
Tool shed and fire pit on landward slope and toe.						

Photo 2 of 3 : SP_2018_RD0563_210_10_20180305_00008.jpg



Looking southeast at fire pit on landward slope.

LM Start	0.15	Rating **	M	Issue No.	10 (cont)
LM End	0.15	Issue Type +	En	Location *	LS

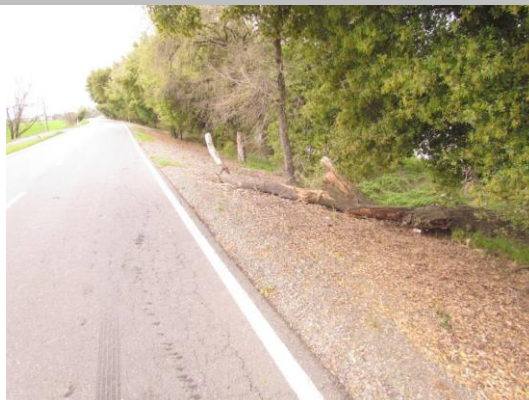
Photo 3 of 3 : SP_2018_RD0563_210_10_20180305_00009.jpg



Looking southeast at storage shed at landward toe.

LM Start	0.17	Rating **	M	Issue No.	32
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.233315 °	38.233315 °
				-121.519360 °	-121.519360 °
DWR ID	DWR_RD0563_01_s_2012_32				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree fallen across waterward slope.					

Photo 1 of 2 : SP_2018_RD0563_210_32_20180305_00023.jpg



Looking downstream at tree branch on waterward slope. (Spring 2017)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.17	Rating **	M	Issue No.	32 (cont)	
LM End	0.17	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.233315 °		38.233315 °
				-121.519360 °		-121.519360 °
DWR ID	DWR_RD0563_01_s_2012_32					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Tree fallen across waterward slope.						

Photo 2 of 2 : SP_2018_RD0563_210_32_20180305_00024.jpg



Looking downstream at fallen tree limb on waterside slope. (Spring 2016)

LM Start	0.19	Rating **	M	Issue No.	2
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.233126 °	38.232425 °
				-121.519525 °	-121.520287 °
DWR ID	DWR_RD0563_01_s_2012_2				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.20	Rating **	M	Issue No.	772
LM End	0.20	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.233027 °	38.233027 °
				-121.519631 °	-121.519631 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14865 DS_ID:20129 EP_NO: 3448 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Sign on waterside slope should be cleared of vegetation. FIELD_STRUCT_DESC: 4.5-inch steel gas line through the levee, 4 feet below the crown and across the channel. Large warning sign on the waterside (WS) slope. (Permit No. 3448, 1960 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 6/11/2013					

LM Start	0.20	Rating **	M	Issue No.	772 (cont)
LM End	0.20	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_14865_24505.jpg



Gasline marker on LS shoulder.

Photo 2 of 2 : UCIP_SP_2018_14865_24504.jpg



Gasline warning sign covered in vegetation on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.29	Rating **	M	Issue No.	168
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.231955 °	38.231955 °
				-121.520728 °	-121.520728 °
DWR ID	DWR_RD0563_01_f_2016_168				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_168_20180305_00131.jpg



Looking east at untrimmed tree on landward slope.

LM Start	0.33	Rating **	M	Issue No.	135
LM End	0.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.231548 °	38.231548 °
				-121.521140 °	-121.521140 °
DWR ID	DWR_RD0563_01_f_2015_135				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree on landward slope.					

Photo 1 of 1 : SP_2018_RD0563_210_135_20180305_00113.jpg



Looking southeast at untrimmed tree on landward slope.

LM Start	0.39	Rating **	C	Issue No.	16
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.230841 °	38.230841 °
				-121.521898 °	-121.521898 °
DWR ID	DWR_RD0563_01_f_2013_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
River access is overgrown and no longer is use, and edge of pavement has been repaired to prevent further erosion.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.40	Rating **	M	Issue No.	114
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.230744 °	38.230744 °
				-121.522022 °	-121.522022 °
DWR ID	DWR_RD0563_01_f_2017_114				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_114_20180305_00095.jpg



Looking southwest at the waterside slope.

LM Start	0.43	Rating **	C	Issue No.	26
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.230460 °	38.230460 °
				-121.522324 °	-121.522324 °
DWR ID	DWR_RD0563_01_f_2013_26				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
River access is overgrown and no longer is use, and edge of pavement has been repaired to prevent further erosion.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0563 Tyler Island

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.45	Rating **	M	Issue No.	773 (cont)	
LM End	0.45	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.230185 °	38.230185 °	
				-121.522631 °	-121.522631 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14866 DS_ID:20130 EP_NO: 11218 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe leaking at various points on WS berm. Failure on berm may indicate potential for failure within the levee. Good candidate for video inspection. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5 feet below the crown. Walkway to pump on pile structure in stream. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the waterside (WS) shoulder. 1-inch air and vacuum valve and a 15-foot-tall by 36-inch-diameter concrete standpipe at the landside (LS) toe. (Automatic Board Order (ABO) issued as Permit No. 11218, 1975 - Fong Yock Yee). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L2"" 196+67.8)]. FS Date: 6/11/2013						

Photo 3 of 3 : UCIP_SP_2018_14866_24506.jpg



Leak in pipe on WS berm.

LM Start	0.53	Rating **	M	Issue No.	34
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.229232 °	38.229232 °
				-121.523538 °	-121.523538 °
DWR ID	DWR_RD0563_01_f_2013_34				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope damage is due to vehicle traffic.					

Photo 1 of 1 : SP_2018_RD0563_210_34_20180305_00025.jpg



Looking northwest at slope damage caused by vehicle traffic.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.56	Rating **	M	Issue No.	143
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.228930 °	38.228930 °
				-121.523935 °	-121.523935 °
DWR ID	DWR_RD0563_01_f_2014_143				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope damage due to vehicle traffic.					

Photo 1 of 2 : SP_2018_RD0563_210_143_20180305_00120.jpg



Looking southeast at slope damage on waterward slope.

LM Start	0.56	Rating **	M	Issue No.	143 (cont)
LM End	0.56	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_RD0563_210_143_20180305_00121.jpg



Looking northwest at slope damage on waterward slope.

LM Start	0.70	Rating **	M	Issue No.	108
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.227663 °	38.226338 °
				-121.525743 °	-121.525927 °
DWR ID	DWR_RD0563_01_s_2018_108				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.72	Rating **	M	Issue No.	774
LM End	0.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227328 °	38.227328 °
				-121.525872 °	-121.525872 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51627 DS_ID:25486 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/20/2017 Slight depression above pipe near landside shoulder as per DWR inspector Richard Willoughby, as noted during his Spring 2017 inspection. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 6-inch externally-coated steel irrigation pipe, 3 or 4 feet below the crown. Pipe is likely a replacement for the 12-inch at this location under DSID 20131. Pipe is not permitted and found by DWR inspector Richard Willoughby during Spring 2017 inspection. FS Date: 4/20/2017					

Photo 1 of 1 : UCIP_SP_2018_51627_76994.jpg



View of newly installed steel pipe and depression above it. Photo courtesy of Richard Willoughby.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.73	Rating **	U	Issue No.	775
LM End	0.73	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227262 °	38.227262 °
				-121.525844 °	-121.525844 °
DWR ID					

Comment Code

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Inspector Comment

FS_ID:52608
DS_ID:20131
EP_NO: 11203
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 03/08/2018 LS pipe section replaced however, unable to determine the condition of the pipe section through the levee. LS levee section disturbed and has not been repaired. Crossing remains Urgent due to the unknown condition of the pipe section through the levee. (O. Magana - DWR UCIP)12/02/2016 Same as last inspection signs of leak are still present on both LS and WS. Recommend internal inspection of the pipe integrity though the levee to determine cause of depression on levee (either leak or poor compaction). Pipe debris previous noted on WS has been removed. (O. Magana - DWR UCIP)06/11/2013 Signs of leak in pipe at levee slope on both LS and WS where pipe enters levee. Moist soil at LS toe indicates possible internal leak. Evidence of recent pipe repair on WS. Pipe debris on WS toe should be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5 feet below the crown. Slant pump located on the waterside (WS). Siphon breaker and switch box also located on the WS slope. Service pole is located on the landside (LS) slope. (12-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 11203, 1971 - Delta Farmers, Inc.) This crossing has been replaced with 6-inch under DSID 25486, as reported by DWR inspector Richard Willoughby during his Spring 2017 inspection. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 103, June 1954 (HLM 0.73)]
FS Date: 12/2/2016

Photo 1 of 3 : UCIP_SP_2018_52608_76821.jpg



View of LS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

Reclamation District No. 0563 Tyler Island

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.73	Rating **	U	Issue No.	775 (cont)
LM End	0.73	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227262 °	38.227262 °
				-121.525844 °	-121.525844 °
DWR ID					

Comment Code

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Inspector Comment

FS_ID:52608
DS_ID:20131
EP_NO: 11203
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 03/08/2018 LS pipe section replaced however, unable to determine the condition of the pipe section through the levee. LS levee section disturbed and has not been repaired. Crossing remains Urgent due to the unknown condition of the pipe section through the levee. (O. Magana - DWR UCIP)12/02/2016 Same as last inspection signs of leak are still present on both LS and WS. Recommend internal inspection of the pipe integrity though the levee to determine cause of depression on levee (either leak or poor compaction). Pipe debris previous noted on WS has been removed. (O. Magana - DWR UCIP)06/11/2013 Signs of leak in pipe at levee slope on both LS and WS where pipe enters levee. Moist soil at LS toe indicates possible internal leak. Evidence of recent pipe repair on WS. Pipe debris on WS toe should be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5 feet below the crown. Slant pump located on the waterside (WS). Siphon breaker and switch box also located on the WS slope. Service pole is located on the landside (LS) slope. (12-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 11203, 1971 - Delta Farmers, Inc.) This crossing has been replaced with 6-inch under DSID 25486, as reported by DWR inspector Richard Willoughby during his Spring 2017 inspection. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 103, June 1954 (HLM 0.73)]
FS Date: 12/2/2016

Photo 3 of 3 : UCIP_SP_2018_52608_76826.jpg



Subsidence visible on LS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.73	Rating **	U	Issue No.	3
LM End	0.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.227169 °	38.226370 °
				-121.525892 °	-121.525912 °
DWR ID	DWR_RD0563_01_s_2012_3				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense veg on waterward slope.					

LM Start	0.73	Rating **	U	Issue No.	3 (cont)
LM End	0.79	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2018_RD0563_210_3_20180305_00001.jpg



Looking east at untrimmed trees on waterward slope. (Fall 2016)

Photo 2 of 2 : SP_2018_RD0563_210_3_20180305_00002.jpg



Looking east at untrimmed trees on waterward slope and toe. (Spring 2016)

LM Start	0.83	Rating **	M	Issue No.	109
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.225827 °	38.225827 °
				-121.526078 °	-121.526078 °
DWR ID	DWR_RD0563_01_s_2018_109				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove large cactus growth on landside slope and toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.88	Rating **	M	Issue No.	120
LM End	0.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.225482 °	38.225482 °
				-121.526882 °	-121.526882 °
DWR ID	DWR_RD0563_01_s_2017_120				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterward slope.					

Photo 1 of 1 : SP_2018_RD0563_210_120_20180305_00099.jpg



Looking southwest at fallen tree on waterward slope.

LM Start	0.92	Rating **	A/W	Issue No.	755
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225549 °	38.225549 °
				-121.527658 °	-121.527658 °
DWR ID	DWR_RD0563_01_s_2015_755				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0563 Tyler Island

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.93	Rating **	M	Issue No.	776 (cont)	
LM End	0.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.225595 °	38.225595 °	
				-121.527813 °	-121.527813 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14870 DS_ID:20132 EP_NO: 11210 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe does not have sufficient cover at crown. FIELD_STRUCT_DESC: 1 of 2: 6-inch irrigation pipe of an unknown material through the levee, 3 inches below the crown. Pump and gate valve in pump house on the waterside (WS) slope. Service pole on the landside (LS) slope. (Automatic Board Order (ABO) issued as Permit No. 11210, 1975 - Leland O. Hanson). 1-inch polyvinyl chloride (PVC) electrical conduit through the levee at the same location, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 43+91.9), listed as a 14-inch pipe]. FS Date: 6/11/2013						

Photo 3 of 3 : UCIP_SP_2018_14870_24515.jpg



Butterfly valve, vent and pump in pumphouse on WS shoulder.

LM Start	0.95	Rating **	U	Issue No.	121
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.225808 °	38.225808 °
				-121.528197 °	-121.528197 °
DWR ID	DWR_RD0563_01_s_2017_121				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes on landward slope.					

Photo 1 of 2 : SP_2018_RD0563_210_121_20180305_00100.jpg



Looking at typical rodent hole within this reach.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.95	Rating **	U	Issue No.	121 (cont)
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.225808 °	38.225808 °
				-121.528197 °	-121.528197 °
DWR ID	DWR_RD0563_01_s_2017_121				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes on landward slope.					

Photo 2 of 2 : SP_2018_RD0563_210_121_20180330_00239.jpg



3/30/2018: Rodent burrows on landside.

LM Start	0.96	Rating **	M	Issue No.	777	
LM End	0.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.225830 °	38.225830 °	
				-121.528201 °	-121.528201 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51448 DS_ID:20133 EP_NO: 11210 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/02/2016 According to LMA representative, Darcy Neuderk, this crossing was installed in 1952 by the USACE and intended to be use for irrigation purposes. However, this crossing has never been used per LMA's knowledge. Crossing has been downgraded from "Urgent" to "Non-Urgent", the flap gate on the WS is functional and prevents any potential flood water from draining to LS. Recommend contacting property owner and working with the CVFPB to address abandoned crossing. (O. Magana - DWR UCIP)06/11/2013 Flap gate rusted in closed position. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 8-inch steel drainage pipe through the levee, 3 feet below the crown. Flap gate on the waterside (WS). Pipe open on the landside (LS). (8-inch pipe [HLM 0.97] authorized under Automatic Board Order (ABO) issued as Permit No. 11210, 1975 - Leland O. Hanson). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 12/2/2016						

Photo 1 of 3 : UCIP_SP_2018_51448_76827.jpg



View of levee crown at pipe crossing.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.98	Rating **	A/W	Issue No.	756
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226011 °	38.226011 °
				-121.528524 °	-121.528524 °
DWR ID	DWR_RD0563_01_s_2015_756				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.99	Rating **	M	Issue No.	147
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.226138 °	38.226138 °
				-121.528745 °	-121.528745 °
DWR ID	DWR_RD0563_01_f_2014_147				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.01	Rating **	A/W	Issue No.	757
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226294 °	38.226294 °
				-121.529055 °	-121.529055 °
DWR ID	DWR_RD0563_01_s_2015_757				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.02	Rating **	M	Issue No.	48
LM End	1.06	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.226522 °	38.226808 °
				-121.529094 °	-121.529728 °
DWR ID	DWR_RD0563_01_s_2016_48				
Comment Code					
Inspector Comment					
2011 - Short sections of eroding bank at the waterline and holes in toe of levee. 2012 - Site extended upstream. 2013 - Erosion pockets filled with an insufficient amounts of revetment. 2015: Last observed in 2013. [2015 Site ID: GEO_11-0_L]					

Photo 1 of 1 : SP_2018_RD0563_210_48_20180305_00037.jpg



USACE 2013 Photo #1

LM Start	1.03	Rating **	U	Issue No.	110
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.226422 °	38.226422 °
				-121.529410 °	-121.529410 °
DWR ID	DWR_RD0563_01_s_2018_110				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Very large rodent burrow has caused landside shoulder to collapse. Shoulder should be restored.					

Photo 1 of 1 : SP_2018_RD0563_210_110_20180330_00240.jpg



3/30/2018: Very large rodent burrow causing caving at landside shoulder.

LM Start	1.09	Rating **	A/W	Issue No.	758
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226892 °	38.227053 °
				-121.530234 °	-121.530632 °
DWR ID	DWR_RD0563_01_s_2015_758				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.09	Rating **	M	Issue No.	111
LM End	1.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.226882 °	38.226882 °
				-121.530258 °	-121.530258 °
DWR ID	DWR_RD0563_01_s_2018_111				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tree should be trimmed to allow inspection and access to landside slope.					

No Photos

LM Start	1.15	Rating **	U	Issue No.	153
LM End	1.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.226910 °	38.226910 °
				-121.531294 °	-121.531294 °
DWR ID	DWR_RD0563_01_f_2015_153				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several large to medium rodent holes noted.					

Photo 1 of 1 : SP_2018_RD0563_210_153_20180305_00127.jpg



Looking at typical view of several rodent holes on landward slope.

LM Start	1.18	Rating **	M	Issue No.	122
LM End	1.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.226737 °	38.226737 °
				-121.531747 °	-121.531747 °
DWR ID	DWR_RD0563_01_s_2017_122				
Comment Code					
GA : Garbage					
Inspector Comment					
Landowner storing prunings on waterside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_122_20180305_00101.jpg



Looking west at wine barrels and prunings on waterward shoulder and slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.18	Rating **	M	Issue No.	122 (cont)	
LM End	1.18	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.226737 °		38.226737 °
				-121.531747 °		-121.531747 °
DWR ID	DWR_RD0563_01_s_2017_122					
Comment Code						
GA : Garbage						
Inspector Comment						
Landowner storing prunings on waterside slope.						

Photo 2 of 2 : SP_2018_RD0563_210_122_20180305_00102.jpg



LM Start	1.21	Rating **	M	Issue No.	134
LM End	1.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.226462 °	38.226462 °
				-121.532172 °	-121.532172 °
DWR ID	DWR_RD0563_01_s_2016_134				
Comment Code					
FW : Firewood					
Inspector Comment					
Landowner stock piling firewood and other garbage at landward toe.					

Photo 1 of 2 : SP_2018_RD0563_210_134_20180305_00111.jpg



Looking east at firewood and empty containers on landward slope. (Spring 2017)

LM Start	1.21	Rating **	M	Issue No.	134 (cont)
LM End	1.21	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_134_20180305_00112.jpg



Looking southeast at firewood at landward toe. (Spring 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.22	Rating **	U	Issue No.	57
LM End	1.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.226345 °	38.226345 °
				-121.532332 °	-121.532332 °
DWR ID	DWR_RD0563_01_s_2012_57				
Comment Code					
BU : Building					
Inspector Comment					
Landowner has built a shed extending from the home onto the levee toe. This unpermitted construction should be removed.					

Photo 1 of 2 : SP_2018_RD0563_210_57_20180305_00041.jpg



Looking east at firewood and other materials stored on landside slope and toe.

LM Start	1.22	Rating **	U	Issue No.	57 (cont)
LM End	1.22	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_57_20180305_00042.jpg



Looking at a shed at landside toe.

LM Start	1.22	Rating **	M	Issue No.	170
LM End	1.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.226316 °	38.226053 °
				-121.532342 °	-121.532525 °
DWR ID	DWR_RD0563_01_f_2016_170				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove cactus on landward slope.					

Photo 1 of 2 : SP_2018_RD0563_210_170_20180305_00132.jpg



Looking southeast at cactus on landward slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.22	Rating **	M	Issue No.	170 (cont)	
LM End	1.24	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.226316 °		38.226053 °
				-121.532342 °		-121.532525 °
DWR ID	DWR_RD0563_01_f_2016_170					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Remove cactus on landward slope.						

Photo 2 of 2 : SP_2018_RD0563_210_170_20180305_00133.jpg



LM Start	1.27	Rating **	M	Issue No.	64
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225730 °	38.225730 °
				-121.532824 °	-121.532824 °
DWR ID	DWR_RD0563_01_f_2012_64				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Fruit trees located at landside toe should be removed.					

Photo 1 of 1 : SP_2018_RD0563_210_64_20180305_00044.jpg



Looking southeast at fruit trees on landside toe.

LM Start	1.32	Rating **	M	Issue No.	79
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225177 °	38.225177 °
				-121.533285 °	-121.533285 °
DWR ID	DWR_RD0563_01_f_2013_79				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_79_20180305_00070.jpg



Looking northeast at untrimmed trees on landward slope and toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.35	Rating **	M	Issue No.	150
LM End	1.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.224817 °	38.224817 °
				-121.533602 °	-121.533602 °
DWR ID	DWR_RD0563_01_s_2016_150				
Comment Code					
RA : Ramp					
Inspector Comment					
Unauthorized ramp on landside slope.					

Photo 1 of 3 : SP_2018_RD0563_210_150_20180305_00123.jpg



Looking southeast at ramp on landward slope.

LM Start	1.35	Rating **	M	Issue No.	150 (cont)
LM End	1.35	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0563_210_150_20180305_00124.jpg



LM Start	1.35	Rating **	M	Issue No.	150 (cont)
LM End	1.35	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2018_RD0563_210_150_20180305_00125.jpg



*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.39	Rating **	M	Issue No.	5
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.224398 °	38.224398 °
				-121.534125 °	-121.534125 °
DWR ID	DWR_RD0563_01_s_2018_5				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	1.39	Rating **	U	Issue No.	86
LM End	1.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224351 °	38.224351 °
				-121.534209 °	-121.534209 °
DWR ID	DWR_RD0563_01_f_2013_86				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner has fruit trees and other vegetation on landside slope and toe.					

Photo 1 of 1 : SP_2018_RD0563_210_86_20180305_00073.jpg



Looking southwest at fruit trees and other plantings at landward toe.

LM Start	1.40	Rating **	U	Issue No.	8
LM End	1.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.224315 °	38.224315 °
				-121.534288 °	-121.534288 °
DWR ID	DWR_RD0563_01_s_2012_8				
Comment Code					
BU : Building					
Inspector Comment					
Tool shed, animal storage container, and landscaping on landside slope and toe.					

Photo 1 of 3 : SP_2018_RD0563_210_8_20180305_00004.jpg



Looking east at landscaping and animal containers on the landside slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.40	Rating **	U	Issue No.	8 (cont)	
LM End	1.40	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.224315 °		38.224315 °
				-121.534288 °		-121.534288 °
DWR ID	DWR_RD0563_01_s_2012_8					
Comment Code						
BU : Building						
Inspector Comment						
Tool shed, animal storage container, and landscaping on landside slope and toe.						

LM Start	1.40	Rating **	U	Issue No.	8 (cont)
LM End	1.40	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0563_210_8_20180305_00005.jpg



Looking northeast at a tool shed on the landward toe.

Photo 3 of 3 : SP_2018_RD0563_210_8_20180305_00006.jpg



Looking southeast at a tool shed at the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.40	Rating **	M	Issue No.	778
LM End	1.40	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.224302 °	38.224302 °
				-121.534287 °	-121.534287 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14873 DS_ID:20134 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on LS and should be removed. FIELD_STRUCT_DESC: *ABANDONED* 2-inch electrical conduit of an unknown material through the levee, 2 feet below the crown. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 6/11/2013					

Photo 1 of 2 : UCIP_SP_2018_14873_24527.jpg



Pipe visible on LS slope at JP.

LM Start	1.40	Rating **	M	Issue No.	778 (cont)
LM End	1.40	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_14873_24526.jpg



Pipe goes to pumphouse on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.42	Rating **	M	Issue No.	759
LM End	1.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.224150 °	38.224150 °
				-121.534565 °	-121.534565 °
DWR ID	DWR_RD0563_01_s_2015_759				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_759_20180305_00137.jpg



Looking northwest at untrimmed trees on waterward slope and toe.

LM Start	1.60	Rating **	M	Issue No.	56
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.223303 °	38.223303 °
				-121.537722 °	-121.537722 °
DWR ID	DWR_RD0563_01_s_2012_56				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.68	Rating **	M	Issue No.	115
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.223098 °	38.223098 °
				-121.539130 °	-121.539130 °
DWR ID	DWR_RD0563_01_f_2017_115				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.69	Rating **	M	Issue No.	123
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.223110 °	38.223110 °
				-121.539495 °	-121.539495 °
DWR ID	DWR_RD0563_01_s_2017_123				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

Photo 1 of 1 : SP_2018_RD0563_210_123_20180305_00103.jpg



Looking south at fallen tree on waterward slope.

LM Start	1.82	Rating **	M	Issue No.	161
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.222768 °	38.222768 °
				-121.541837 °	-121.541837 °
DWR ID	DWR_RD0563_01_s_2016_161				
Comment Code					
FW : Firewood					
Inspector Comment					
Landowner stocking firewood at landside toe.					

Photo 1 of 1 : SP_2018_RD0563_210_161_20180305_00129.jpg



Looking north at firewood at landward toe.

LM Start	1.86	Rating **	M	Issue No.	142
LM End	1.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.222743 °	38.222720 °
				-121.542523 °	-121.542741 °
DWR ID	DWR_RD0563_01_s_2014_142				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner has planted oleander on waterside shoulder.					

Photo 1 of 4 : SP_2018_RD0563_210_142_20180305_00116.jpg



Looking southwest at oleanders on landward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.86	Rating **	M	Issue No.	142 (cont)	
LM End	1.87	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.222743 °		38.222720 °
				-121.542523 °		-121.542741 °
DWR ID	DWR_RD0563_01_s_2014_142					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Landowner has planted oleander on waterside shoulder.						

Photo 2 of 4 : SP_2018_RD0563_210_142_20180305_00117.jpg



Looking north at oleanders on landward shoulder.

LM Start	1.86	Rating **	M	Issue No.	142 (cont)
LM End	1.87	Issue Type +	En	Location *	WS

Photo 3 of 4 : SP_2018_RD0563_210_142_20180305_00118.jpg



Looking southeast at planting box on waterward shoulder.

LM Start	1.86	Rating **	M	Issue No.	142 (cont)
LM End	1.87	Issue Type +	En	Location *	WS

Photo 4 of 4 : SP_2018_RD0563_210_142_20180305_00119.jpg



Looking southwest at oleanders on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.94	Rating **	U	Issue No.	157
LM End	1.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.222080 °	38.222080 °
				-121.543445 °	-121.543445 °
DWR ID	DWR_RD0563_01_f_2015_157				
Comment Code					
GA : Garbage					
Inspector Comment					
Landowner stockpiling garbage at landside toe.					

Photo 1 of 1 : SP_2018_RD0563_210_157_20180305_00128.jpg



Looking south at the garbage on the landside toe.

LM Start	1.95	Rating **	M	Issue No.	71
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.221826 °	38.221826 °
				-121.543467 °	-121.543467 °
DWR ID	DWR_RD0563_01_f_2012_71				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion around irrigation pump house and pipe on landside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_71_20180305_00050.jpg



Looking west at erosion at landside toe and slope next to pump house.

LM Start	1.95	Rating **	M	Issue No.	71 (cont)
LM End	1.95	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_71_20180305_00051.jpg



Looking southwest at erosion around irrigation pipe on landside slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.96	Rating **	M	Issue No.	779
LM End	1.96	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.221785 °	38.221785 °
				-121.543474 °	-121.543474 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51449
DS_ID:20136
EP_NO: 11204
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 12/02/2016 same as last inspection. Crossing has been downgraded from "Urgent" to "Non-Urgent" no signs of leaks were visible from the surface. Owner will need to coordinate with the CVFPB to comply with Title 23 regarding the sleeved pipe and the non-annular space between the larger and smaller pipe. (O. Magana - DWR UCIP)06/11/2013 Annular space not grouted between 8-inch and 10-inch pipe and the metal walkway is structurally failing. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe sleeved through a 10-inch pipe (12-inch referenced in permit recordation) through the levee, 4 feet below the crown. 1.5-inch electrical conduit of an unknown material through the levee at the same location, at an unknown depth. Pump on pile structure on the waterside (WS). Timber walkway to pump on the WS. Service pole on the landside (LS) slope. Siphon breaker on the WS slope (12-inch pipe owner name change issued under Permit No. 11204-1, 2015 - Jim Morris. 12-inch pipe [HLM 1.99] authorized under Automatic Board Order (ABO) issued as Permit No. 11204, 1975 - Jim Morris). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 119+16), listed as a 16-inch pipe].
FS Date: 12/2/2016

LM Start	1.96	Rating **	M	Issue No.	779 (cont)
LM End	1.96	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_51449_24537.jpg



Pump on pile structure with walkway structurally failing. WS berm.

Photo 2 of 3 : UCIP_SP_2018_51449_24536.jpg



Siphon breaker and 1.5-inch galvanized iron electrical conduit.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.96	Rating **	M	Issue No.	779 (cont)	
LM End	1.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.221785 °	38.221785 °	
				-121.543474 °	-121.543474 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51449 DS_ID:20136 EP_NO: 11204 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as last inspection. Crossing has been downgraded from "Urgent" to "Non-Urgent" no signs of leaks were visible from the surface. Owner will need to coordinate with the CVFPB to comply with Title 23 regarding the sleeved pipe and the non-annular space between the larger and smaller pipe. (O. Magana - DWR UCIP)06/11/2013 Annular space not grouted between 8-inch and 10-inch pipe and the metal walkway is structurally failing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation pipe sleeved through a 10-inch pipe (12-inch referenced in permit recordation) through the levee, 4 feet below the crown. 1.5-inch electrical conduit of an unknown material through the levee at the same location, at an unknown depth. Pump on pile structure on the waterside (WS). Timber walkway to pump on the WS. Service pole on the landside (LS) slope. Siphon breaker on the WS slope (12-inch pipe owner name change issued under Permit No. 11204-1, 2015 - Jim Morris. 12-inch pipe [HLM 1.99] authorized under Automatic Board Order (ABO) issued as Permit No. 11204, 1975 - Jim Morris). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 119+16), listed as a 16-inch pipe]. FS Date: 12/2/2016						

Photo 3 of 3 : UCIP_SP_2018_51449_24535.jpg



Pipe at outlet on LS toe.

LM Start	2.08	Rating **	M	Issue No.	14
LM End	2.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.220028 °	38.218494 °
				-121.542922 °	-121.542646 °
DWR ID	DWR_RD0563_01_s_2012_14				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.18	Rating **	M	Issue No.	15
LM End	2.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.218575 °	38.218575 °
				-121.542668 °	-121.542668 °
DWR ID	DWR_RD0563_01_s_2012_15				
Comment Code					
EQ : Equipment					
Inspector Comment					
Landowner installed metal box around siphon breaker.					

Photo 1 of 1 : SP_2018_RD0563_210_15_20180305_00011.jpg



Looking south at siphon box installed on waterside shoulder.

LM Start	2.19	Rating **	U	Issue No.	780
LM End	2.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.218534 °	38.218534 °
				-121.542656 °	-121.542656 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51450 DS_ID:20176 EP_NO: 13311 Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Dense vegetation around concrete standpipe located on LS toe assume issue recorded back in 2013 is still present due to the dense vegetation around structure. Need to contact owner. Owner will need to coordinate with the CVFPB to address the leaky concrete standpipe and the new metal case installed on WS slope (section of levee still opened). (O. Magana - DWR UCIP)06/11/2013 Concrete standpipe on LS toe is not functioning properly. Leaks springing up in the ground around the standpipe. This may erode the soil at base of levee. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation pipe through levee, 3 feet below the crown. Slant pump is located on the waterside (WS) toe. 36-inch concrete standpipe and pipe works visible on the landside (LS) toe. Siphon breaker in 24-inch corrugated metal pipe (CMP) riser located on the LS shoulder. Pipe replaced 12-inch pipe from O&M manual/Permit No. 11207. (Permit No. 13311, 1982). (12-inch replaced under Permit No. 13311, 1981 - P. L. Lykins Ranch; 12-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 11207, 1975 - Fong) FS Date: 12/2/2016					

Photo 1 of 3 : UCIP_SP_2018_51450_24541.jpg



Slant pump and pipe on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.19	Rating **	U	Issue No.	780 (cont)
LM End	2.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.218534 °	38.218534 °
				-121.542656 °	-121.542656 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51450
DS_ID:20176
EP_NO: 13311
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 12/02/2016 Dense vegetation around concrete standpipe located on LS toe assume issue recorded back in 2013 is still present due to the dense vegetation around structure. Need to contact owner. Owner will need to coordinate with the CVFPB to address the leaky concrete standpipe and the new metal case installed on WS slope (section of levee still opened). (O. Magana - DWR UCIP)06/11/2013 Concrete standpipe on LS toe is not functioning properly. Leaks springing up in the ground around the standpipe. This may erode the soil at base of levee. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation pipe through levee, 3 feet below the crown. Slant pump is located on the waterside (WS) toe. 36-inch concrete standpipe and pipe works visible on the landside (LS) toe. Siphon breaker in 24-inch corrugated metal pipe (CMP) riser located on the LS shoulder. Pipe replaced 12-inch pipe from O&M manual/Permit No. 11207. (Permit No. 13311, 1982). (12-inch replaced under Permit No. 13311, 1981 - P. L. Lykins Ranch; 12-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 11207, 1975 - Fong)
FS Date: 12/2/2016

LM Start	2.19	Rating **	U	Issue No.	780 (cont)
LM End	2.19	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_51450_24540.jpg



Concrete standpipe, and 24-inch CMP riser on LS of levee.

Photo 3 of 3 : UCIP_SP_2018_51450_24539.jpg



Leaks around standpipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.21	Rating **	A/W	Issue No.	96
LM End		Issue Type +	Ob	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.218180 °		
			-121.542730 °		
DWR ID	DWR_RD0563_01_s_2018_96				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:69					
Site Designation:130-137					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

LM Start	2.25	Rating **	A/W	Issue No.	116
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.217588 °	38.217588 °	
			-121.542520 °	-121.542520 °	
DWR ID	DWR_RD0563_01_s_2017_116				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
LMA found the erosion while on patrol during the February Storm 2017.					

Photo 1 of 1 : SP_2018_RD0563_210_116_20180305_00096.jpg



Looking east at the landside toe erosion.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.33	Rating **	C	Issue No.	66
LM End	3.65	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.216733 °	38.203056 °
				-121.541672 °	-121.539749 °
DWR ID	DWR_RD0563_01_s_2013_66				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Roadway has been graded and rocked.					

No Photos

LM Start	2.40	Rating **	U	Issue No.	12
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216122 °	38.216047 °
				-121.540555 °	-121.540415 °
DWR ID	DWR_RD0563_01_s_2012_12				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Dense elderberry on waterside shoulder and slope.					

No Photos

LM Start	2.57	Rating **	M	Issue No.	80
LM End	2.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.214707 °	38.214707 °
				-121.538061 °	-121.538061 °
DWR ID	DWR_RD0563_01_f_2012_80				
Comment Code					
RA : Ramp					
Inspector Comment					
Landowner installed unauthorized ramp on landside slope. This ramp is not part of permit # 9146.					

Photo 1 of 2 : SP_2018_RD0563_210_80_20180305_00071.jpg



Looking east at unauthorized ramp on landside slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

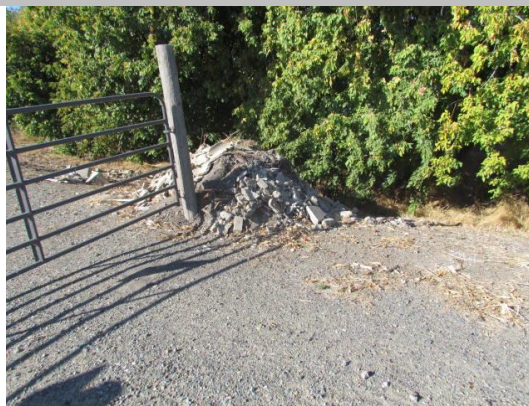
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.70	Rating **	M	Issue No.	162
LM End	2.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.213096 °	38.213096 °
				-121.536738 °	-121.536738 °
DWR ID	DWR_RD0563_01_s_2016_162				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree on waterside shoulder.					

No Photos

LM Start	2.89	Rating **	M	Issue No.	104
LM End	2.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.210966 °	38.210966 °
				-121.534813 °	-121.534813 °
DWR ID	DWR_RD0563_01_f_2013_104				
Comment Code					
MA : Material					
Inspector Comment					
Landowner stockpiled concrete rubble on landward and waterward slope to stop trespassers. Landowner should replace the stockpile with a proper fence.					

Photo 1 of 2 : SP_2018_RD0563_210_104_20180305_00089.jpg



Looking west at concrete rubble on waterward shoulder and slope.

LM Start	2.89	Rating **	M	Issue No.	104 (cont)
LM End	2.89	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_104_20180305_00090.jpg



Looking east at concrete rubble on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.93	Rating **	M	Issue No.	67
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210472 °	38.210358 °
				-121.535175 °	-121.535478 °
DWR ID	DWR_RD0563_01_s_2012_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead Vines (Berry or wildroses) on landside toe.					

LM Start	2.93	Rating **	M	Issue No.	67 (cont)
LM End	2.95	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2018_RD0563_210_67_20180305_00046.jpg



Looking east at dead berryvines at landward toe. (Spring 2017)

Photo 2 of 2 : SP_2018_RD0563_210_67_20180305_00047.jpg



Looking east at dead berryvines at landward toe. (Fall 2016)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.00	Rating **	M	Issue No.	781
LM End	3.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.210209 °	38.210209 °
				-121.536313 °	-121.536313 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14885 DS_ID:20139 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned and should be done so properly. Need to verify disposition of pipe. FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel pipe of an unknown purpose through the levee, 4 feet below the crown. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder. Open on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L2"" 62+79) 1-inch air valve, brass cock and cover]. FS Date: 6/11/2013					

Photo 1 of 1 : UCIP_SP_2018_14885_24548.jpg



24-inch CMP standpipe on LS slope.

LM Start	3.02	Rating **	M	Issue No.	74
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210212 °	38.209165 °
				-121.536728 °	-121.539920 °
DWR ID	DWR_RD0563_01_s_2012_74				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead berryvines and dense vegetation at landside toe blocking view of toe.					

Photo 1 of 5 : SP_2018_RD0563_210_74_20180305_00055.jpg



Looking southeast at dead berryvines along landward toe and berm.
(Spring 2017)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.02	Rating **	M	Issue No.	74 (cont)	
LM End	3.21	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.210212 °		38.209165 °
				-121.536728 °		-121.539920 °
DWR ID	DWR_RD0563_01_s_2012_74					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dead berryvines and dense vegetation at landside toe blocking view of toe.						

LM Start	3.02	Rating **	M	Issue No.	74 (cont)
LM End	3.21	Issue Type +	Ma	Location *	LS

Photo 2 of 5 : SP_2018_RD0563_210_74_20180305_00056.jpg



Looking southeast at berryvines at landward toe., (Spring 2016)

Photo 3 of 5 : SP_2018_RD0563_210_74_20180305_00057.jpg



Looking south at dense vegetation (willows) at landward toe. (Spring 2016)

LM Start	3.02	Rating **	M	Issue No.	74 (cont)
LM End	3.21	Issue Type +	Ma	Location *	LS

Photo 4 of 5 : SP_2018_RD0563_210_74_20180305_00058.jpg



Looking southeast at dense berryvines at landward toe. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.02	Rating **	M	Issue No.	74 (cont)	
LM End	3.21	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.210212 °		38.209165 °
				-121.536728 °		-121.539920 °
DWR ID	DWR_RD0563_01_s_2012_74					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dead berryvines and dense vegetation at landside toe blocking view of toe.						

Photo 5 of 5 : SP_2018_RD0563_210_74_20180305_00059.jpg



Looking south at dense vegetation at landward slope and toe. (Spring 2015)

LM Start	3.06	Rating **	U	Issue No.	78
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.210240 °	38.210240 °
				-121.537517 °	-121.537517 °
DWR ID	DWR_RD0563_01_s_2012_78				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope damage on landside shoulder and slope has been in place for several inspection cycles. Proper drainage should be provided to prevent further erosion, and erosion should be repaired.					

Photo 1 of 5 : SP_2018_RD0563_210_78_20180305_00065.jpg



Looking southwest at the landside slope.

LM Start	3.06	Rating **	U	Issue No.	78 (cont)
LM End	3.06	Issue Type +	Ma	Location *	LS

Photo 2 of 5 : SP_2018_RD0563_210_78_20180305_00066.jpg



Looking north at rain runoff erosion on landward slope. (Spring 2017)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.06	Rating **	U	Issue No.	78 (cont)	
LM End	3.06	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.210240 °		38.210240 °
				-121.537517 °		-121.537517 °
DWR ID	DWR_RD0563_01_s_2012_78					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Slope damage on landside shoulder and slope has been in place for several inspection cycles. Proper drainage should be provided to prevent further erosion, and erosion should be repaired.						

LM Start	3.06	Rating **	U	Issue No.	78 (cont)
LM End	3.06	Issue Type +	Ma	Location *	LS

Photo 3 of 5 : SP_2018_RD0563_210_78_20180305_00067.jpg



Looking west at rain runoff erosion on landward slope. (Spring 2016)

Photo 4 of 5 : SP_2018_RD0563_210_78_20180305_00068.jpg



Looking east at slope erosion. (Updated Spring 2012)

LM Start	3.06	Rating **	U	Issue No.	78 (cont)
LM End	3.06	Issue Type +	Ma	Location *	LS

Photo 5 of 5 : SP_2018_RD0563_210_78_20180305_00069.jpg



Looking west at slope erosion cause by runoff on landside slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Reclamation District No. 0563 Tyler Island

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.25	Rating **	M	Issue No.	782	
LM End	3.25	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.208674 °		38.208674 °
				-121.540280 °		-121.540280 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14887 DS_ID:20140 EP_NO: 12708 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded. Good candidate for viewo inspection. FIELD_STRUCT_DESC: 1 of 2: 14-inch coated steel irrigation pipe through the levee, 3 feet below the crown. Slant pump and gate valve on the waterside (WS). 9-foot by 7-foot reinforced concrete distribution box on the landside (LS) toe. Service pole on the LS shoulder. (Permit No. 12708, 1979 - George C. Wilson, replaced 8-inch pipe under Permit No. 11211, 1975 - Erma E. Locke). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954]. FS Date: 6/11/2013						

LM Start	3.25	Rating **	M	Issue No.	782 (cont)
LM End	3.25	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_14887_24550.jpg



Distribution box and JP on LS.

Photo 2 of 2 : UCIP_SP_2018_14887_24549.jpg



Pump and walkway on WS.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.26	Rating **	M	Issue No.	764
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.208593 °	38.208593 °
				-121.540332 °	-121.540332 °
DWR ID	DWR_RD0563_01_s_2015_764				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.90	Rating **	M	Issue No.	125
LM End	4.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.200627 °	38.197060 °
				-121.542282 °	-121.546190 °
DWR ID	DWR_RD0563_01_s_2017_125				
Comment Code					
AT : Agricultural tilling					
Inspector Comment					
Six to twelve inch cut along the landside toe.					

Photo 1 of 4 : SP_2018_RD0563_210_125_20180305_00104.jpg



Looking at erosion around stand pipe at landward toe.

LM Start	3.90	Rating **	M	Issue No.	125 (cont)
LM End	4.24	Issue Type +	En	Location *	LS

Photo 2 of 4 : SP_2018_RD0563_210_125_20180305_00105.jpg



Looking west at cut along farm's service road at landward toe and berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.90	Rating **	M	Issue No.	125 (cont)	
LM End	4.24	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.200627 °		38.197060 °
				-121.542282 °		-121.546190 °
DWR ID	DWR_RD0563_01_s_2017_125					
Comment Code						
AT : Agricultural tilling						
Inspector Comment						
Six to twelve inch cut along the landside toe.						

Photo 3 of 4 : SP_2018_RD0563_210_125_20180305_00106.jpg



Looking south at cut along farm's service road at landward toe.

LM Start	3.90	Rating **	M	Issue No.	125 (cont)
LM End	4.24	Issue Type +	En	Location *	LS

Photo 4 of 4 : SP_2018_RD0563_210_125_20180305_00107.jpg



Looking northwest at cut along farm's service road at landward toe.

LM Start	3.91	Rating **	M	Issue No.	38
LM End	4.01	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.200733 °	38.199925 °
				-121.542571 °	-121.544249 °
DWR ID	DWR_RD0563_01_s_2016_38				
Comment Code					
Inspector Comment					
1997 - Narrow eroding berm upstream of existing rock. 2001 - Staked, low fascine walls at bankline. 2011 - Minor new erosion. Site extended downstream. 2012 - Rock repair failing in one erosion pocket. 2015: Last observed in 2013. [2015 Site ID: GEO_8-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_38_20180305_00026.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	4.24	Rating **	M	Issue No.	783
LM End	4.24	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.197004 °	38.197004 °
				-121.546162 °	-121.546162 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14923					
DS_ID:20142					
EP_NO: 5925					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Need to have PG&E determine status of pipe and mark as necessary.					
FIELD_STRUCT_DESC: 8.5-inch gas line of an unknown material through the levee, 3 feet below the crown. (Permit No. 5925, 1967 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2005].					
FS Date: 6/11/2013					

No Photos

LM Start	4.26	Rating **	M	Issue No.	784
LM End	4.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.196725 °	38.196725 °
				-121.546310 °	-121.546310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16244 DS_ID:23971 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine disposition of pipe. Likely that this pipe was removed from levee section as evidenced by the cut in pavement on crown. FIELD_STRUCT_DESC: 4.5-inch gas line of an unknown material through the levee, at an unknown depth. Cut in pavement and pipe visible on the waterside (WS) toe. (Permit No. 15539 - Pacific Gas and Electric Company [PG&E] [date not indicated in permit]). FS Date: 6/11/2013					

Photo 1 of 3 : UCIP_SP_2018_16244_27390.jpg



Cut in pavement with USAA markings for gasoline.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	4.26	Rating **	M	Issue No.	784 (cont)	
LM End	4.26	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.196725 °	38.196725 °	
				-121.546310 °	-121.546310 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16244 DS_ID:23971 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine disposition of pipe. Likely that this pipe was removed from levee section as evidenced by the cut in pavement on crown. FIELD_STRUCT_DESC: 4.5-inch gas line of an unknown material through the levee, at an unknown depth. Cut in pavement and pipe visible on the waterside (WS) toe. (Permit No. 15539 - Pacific Gas and Electric Company [PG&E] [date not indicated in permit]). FS Date: 6/11/2013						

LM Start	4.26	Rating **	M	Issue No.	784 (cont)
LM End	4.26	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_16244_27389.jpg



Cut in pavement with USAA markings for gasline.

Photo 3 of 3 : UCIP_SP_2018_16244_27388.jpg



Pipe visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	4.63	Rating **	M	Issue No.	88
LM End	4.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.193078 °	38.192980 °
				-121.551047 °	-121.551263 °
DWR ID	DWR_RD0563_01_s_2012_88				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fig tree and pine trees block view of landside slope.					

Photo 1 of 1 : SP_2018_RD0563_210_88_20180305_00074.jpg



Looking south at dense trees on landside slope and toe.

LM Start	4.75	Rating **	M	Issue No.	785
LM End	4.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.191864 °	38.191864 °
				-121.552606 °	-121.552606 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14927 DS_ID:20145 EP_NO: 11205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some settlement over pipe on WS shoulder and there is some animal burrow tunnels over the pipe on the LS shoulder. FIELD_STRUCT_DESC: 4 of 5: 10-inch steel irrigation pipe through the levee, 3.8 feet below the crown. Siphon breaker on the landside (LS) shoulder. Slant pump off the waterside (WS) toe. Booster and filter station off the LS toe. Abandoned concrete distribution box at the LS toe. 1-inch galvanized iron electrical conduit through the levee at the same location, at an unknown depth. (Automatic Board Order (ABO) issued as Permit No. 11205, 1975 - Joshua Eppinger Jr.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 390+74.5)]. FS Date: 6/11/2013					

Photo 1 of 3 : UCIP_SP_2018_14927_24590.jpg



Pipe, distribution box, JP, electrical conduit, and booster/filter system on LS.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	4.75	Rating **	M	Issue No.	785 (cont)	
LM End	4.75	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.191864 °	38.191864 °	
				-121.552606 °	-121.552606 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14927 DS_ID:20145 EP_NO: 11205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some settlement over pipe on WS shoulder and there is some animal burrow tunnels over the pipe on the LS shoulder. FIELD_STRUCT_DESC: 4 of 5: 10-inch steel irrigation pipe through the levee, 3.8 feet below the crown. Siphon breaker on the landside (LS) shoulder. Slant pump off the waterside (WS) toe. Booster and filter station off the LS toe. Abandoned concrete distribution box at the LS toe. 1-inch galvanized iron electrical conduit through the levee at the same location, at an unknown depth. (Automatic Board Order (ABO) issued as Permit No. 11205, 1975 - Joshua Eppinger Jr.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 390+74.5)]. FS Date: 6/11/2013						

LM Start	4.75	Rating **	M	Issue No.	785 (cont)
LM End	4.75	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_14927_24589.jpg



Pipe on WS slope.

Photo 3 of 3 : UCIP_SP_2018_14927_24588.jpg



Slant pump off WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	4.98	Rating **	M	Issue No.	45
LM End	5.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.190073 °	38.189524 °
				-121.556307 °	-121.557227 °
DWR ID	DWR_RD0563_01_s_2016_45				
Comment Code					
Inspector Comment					
2009 - Small scallops of erosion into the levee toe behind brush boxes. 2011 - Minor new erosion. 2012 - Site extended upstream to account for addition erosion pockets. 2015: Last observed in 2013. [2015 Site ID: GEO_7-2_L]					

Photo 1 of 1 : SP_2018_RD0563_210_45_20180305_00033.jpg



USACE 2013 Photo #1

LM Start	5.15	Rating **	U	Issue No.	46
LM End	5.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.188216 °	38.185968 °
				-121.558442 °	-121.561667 °
DWR ID	DWR_RD0563_01_s_2016_46				
Comment Code					
Inspector Comment					
1997 - Deep pockets of erosion into a narrow berm just downstream of the rock. 2000 - Scallops in banks with small colored flags, some new biotech rolls in with older rolls in the scallops. 2001 - Staked , low fascine walls at the bankline. 2011 - Site upgraded to CRITICAL. Site extended upstream due to new erosion pocket. New tree popouts and new erosion. 2013 - Pipe observed at upstream end of site. 2015: Last observed in 2013. [2015 Site ID: GEO_6-8_L]					

Photo 1 of 1 : SP_2018_RD0563_210_46_20180305_00034.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.17	Rating **	M	Issue No.	786	
LM End	5.17	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.187938 °	38.187938 °	
				-121.558495 °	-121.558495 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14943 DS_ID:20146 EP_NO: 11205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to verify wether or not pipe has been abandoned. FIELD_STRUCT_DESC: 5 of 5: 8-inch steel irrigation pipe through the levee, 3.7 feet below the crown. Pump and gate valve on the waterside (WS) end. Siphon breaker on the landside (LS) shoulder. (Automatic Board Order (ABO) issued as Permit No. 11205, 1975 - Joshua Eppinger Jr.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 368+38) 1-inch air valve, brass cock and cover, reinforced concrete spillbox]. FS Date: 6/11/2013						

LM Start	5.17	Rating **	M	Issue No.	786 (cont)
LM End	5.17	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_14943_24595.jpg



Distribution box and 24-inch CMP riser on LS slope.

Photo 2 of 3 : UCIP_SP_2018_14943_24594.jpg



Inside distribution box at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.49	Rating **	M	Issue No.	55
LM End	6.27	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.185479 °	38.181359 °
				-121.563296 °	-121.576292 °
DWR ID	DWR_RD0563_01_s_2016_55				
Comment Code					
Inspector Comment					
1997 - Deep pockets of erosion and narrow berm. Reach is characterized by lots of pockets into the existing berm and/or levee slope. 1999 - Some pockets filled with rock riprap. 2000 - Exposed fabric. 2001 - Staked, low fascine walls at bankline. 2002 - New spot of rock at upstream end. Some new brush boxes. 2005 - Some stone sliding off the underlying geotextile fabric. Some new brush bundles in the brush boxes; some with missing bundles. Some boxes too low relative to high tide. 2009 - Minimal new erosion, site length extended. 2010 - New erosion on downstream end, site extended downstream. 2011 - Sites 6.1, 6.4 and 6.6 were combined. New erosion pockets, site extended to include the erosion in between the old sites. 2012 - Rock has been placed in portions of the bank since last year. 2015: Last observed in 2013. [2015 Site ID: GEO_6-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_55_20180305_00040.jpg



USACE 2013 Photo #1

LM Start	5.87	Rating **	M	Issue No.	787
LM End	5.87	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.182398 °	38.182398 °
				-121.569078 °	-121.569078 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16289 DS_ID:20148 EP_NO: 1826 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 2-inch discharge pipe of an unknown material through the levee, 2.7 feet below the crown. (Permit No. 1826, 1953 - Brazos Oil and Gas Company). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 6/11/2013					

Photo 1 of 2 : UCIP_SP_2018_16289_27439.jpg



Pipe visible on LS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.87	Rating **	M	Issue No.	787 (cont)
LM End	5.87	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.182398 °	38.182398 °
				-121.569078 °	-121.569078 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16289 DS_ID:20148 EP_NO: 1826 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 2-inch discharge pipe of an unknown material through the levee, 2.7 feet below the crown. (Permit No. 1826, 1953 - Brazos Oil and Gas Company). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 6/11/2013					

Photo 2 of 2 : UCIP_SP_2018_16289_27438.jpg



Pipe visible on WS shoulder.

LM Start	5.88	Rating **	M	Issue No.	788	
LM End	5.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.182334 °	38.182334 °	
				-121.569193 °	-121.569193 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14949 DS_ID:20175 EP_NO: 11206 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 2: 8-inch steel irrigation pipe through the levee, 3.7 feet below the crown. Pump and gate valve on the waterside (WS). Siphon breaker on the landside (LS) shoulder. 7-foot by 9-foot concrete distribution box at the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11206, 1975 - Daniel Faustman). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 331+00.5)]. FS Date: 6/11/2013						

Photo 1 of 3 : UCIP_SP_2018_14949_24603.jpg



Slide gate at pump on WS slope

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.88	Rating **	M	Issue No.	788 (cont)	
LM End	5.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.182334 °	38.182334 °	
				-121.569193 °	-121.569193 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14949 DS_ID:20175 EP_NO: 11206 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 2: 8-inch steel irrigation pipe through the levee, 3.7 feet below the crown. Pump and gate valve on the waterside (WS). Siphon breaker on the landside (LS) shoulder. 7-foot by 9-foot concrete distribution box at the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11206, 1975 - Daniel Faustman). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 331+00.5)]. FS Date: 6/11/2013						

LM Start	5.88	Rating **	M	Issue No.	788 (cont)
LM End	5.88	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_14949_24602.jpg



Pipe at WS toe.

Photo 3 of 3 : UCIP_SP_2018_14949_24601.jpg



Siphon breaker in 24-inch CMP riser on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.88	Rating **	A/W	Issue No.	126
LM End	5.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.182302 °	38.182302 °
				-121.569232 °	-121.569232 °
DWR ID	DWR_RD0563_01_s_2017_126				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings stock pile on waterside slope and berm.					

No Photos

LM Start	5.92	Rating **	U	Issue No.	22
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.181965 °	38.181763 °
				-121.569913 °	-121.570447 °
DWR ID	DWR_RD0563_01_s_2012_22				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Large cactus on landside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_22_20180305_00013.jpg



Large cactus plant on landward slope from LM 6.04 to 6.08

LM Start	5.92	Rating **	U	Issue No.	22 (cont)
LM End	5.96	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_22_20180305_00014.jpg



Looking downstream at dense cactus on landward slope. (Fall 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.96	Rating **	A/W	Issue No.	35
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.181732 °	38.181732 °
				-121.570524 °	-121.570524 °
DWR ID	DWR_RD0563_01_s_2012_35				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.01	Rating **	M	Issue No.	789
LM End	6.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.181477 °	38.181477 °
				-121.571417 °	-121.571417 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14950 DS_ID:20149 EP_NO: 11206 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to install a CMP riser on LS shoulder to protect the vent/filler pipe. FIELD_STRUCT_DESC: 2 of 2: 10-inch steel irrigation siphon through the levee, 4.8 feet below the crown. Vent/filler pipe on the landside (LS) shoulder. 7-foot by 9-foot concrete distribution box on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11206, 1975 - Daniel Faustman). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 324+07.5) 2-inch air and primer valve, reinforced concrete spillbox]. FS Date: 6/11/2013					

Photo 1 of 3 : UCIP_SP_2018_14950_24607.jpg



Vent/filler pipe exposed on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.07	Rating **	M	Issue No.	790
LM End	6.07	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.181347 °	38.181347 °	
			-121.572459 °	-121.572459 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:14963
DS_ID:20150
EP_NO: 11200
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for 10-inch irrigation pipe that is sleeved through the 18-inch.
FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee, 5.2 feet below the crown. 10-inch steel irrigation siphon sleeved through the 18-inch pipe. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder. Air vent on pipe on the LS slope. Slide gate at booster/filter plant off the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11200, 1975 - Cora R. and Furth Brandt). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station "L" 321+03) pipe is plugged].
FS Date: 6/11/2013

LM Start	6.07	Rating **	M	Issue No.	790 (cont)
LM End	6.07	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_14963_24622.jpg



10-inch pipe sleeved through 18-inch conduit.

Photo 2 of 3 : UCIP_SP_2018_14963_24621.jpg



Siphon breaker in 24-inch CMP riser on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.38	Rating **	M	Issue No.	44
LM End	6.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.180462 °	38.179319 °
				-121.577895 °	-121.578566 °
DWR ID	DWR_RD0563_01_s_2016_44				
Comment Code					
Inspector Comment					
2013 - Erosion pockets into the levee prism. Erosion pockets primarily located behind unmaintained brush boxes. 2015: Last observed in 2013. [2015 Site ID: GEO_5-8_L]					

Photo 1 of 1 : SP_2018_RD0563_210_44_20180305_00032.jpg



USACE 2013 Photo #1

LM Start	6.52	Rating **	M	Issue No.	25
LM End	6.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.178445 °	38.177873 °
				-121.578672 °	-121.578920 °
DWR ID	DWR_RD0563_01_s_2012_25				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Oleanders have been trimmed and thined to allow inspection and access. They should be maintained in their current condition. Thick groundcover of ivy should be thinned or removed.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.57	Rating **	M	Issue No.	791
LM End	6.57	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.177779 °	38.177779 °
				-121.578995 °	-121.578995 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14966 DS_ID:20152 EP_NO: 11201 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 3 of 3: 8-inch steel irrigation pipe through the levee, 4.7 feet below the crown. Pump and gate valve on the waterside (WS) berm. 4-foot-diameter concrete standpipe on the landside (LS) toe. Y-ramp on the WS slope. (Automatic Board Order (ABO) issued as Permit No. 11201, 1975 - Joseph Brun). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 294+25.1)]. FS Date: 6/11/2013					

LM Start	6.57	Rating **	M	Issue No.	791 (cont)
LM End	6.57	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_14966_24628.jpg



No connection to pump on WS shoulder.

Photo 2 of 3 : UCIP_SP_2018_14966_24627.jpg



Pump and pipe on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.57	Rating **	M	Issue No.	791 (cont)
LM End	6.57	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.177779 °	38.177779 °
				-121.578995 °	-121.578995 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14966 DS_ID:20152 EP_NO: 11201 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 3 of 3: 8-inch steel irrigation pipe through the levee, 4.7 feet below the crown. Pump and gate valve on the waterside (WS) berm. 4-foot-diameter concrete standpipe on the landside (LS) toe. Y-ramp on the WS slope. (Automatic Board Order (ABO) issued as Permit No. 11201, 1975 - Joseph Brun). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 294+25.1)]. FS Date: 6/11/2013					

Photo 3 of 3 : UCIP_SP_2018_14966_24630.jpg



4-foot concrete standpipe on LS toe.

LM Start	6.59	Rating **	U	Issue No.	164
LM End	6.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.177438 °	38.176647 °
				-121.579151 °	-121.579560 °
DWR ID	DWR_RD0563_01_s_2016_164				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation (dead berry vines) at landside toe should be removed.					

Photo 1 of 1 : SP_2018_RD0563_210_164_20180305_00130.jpg



Looking east at dense vegetation (vines) at landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.64	Rating **	M	Issue No.	766
LM End	6.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.176820 °	38.176820 °
				-121.579444 °	-121.579444 °
DWR ID	DWR_RD0563_01_s_2015_766				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.64	Rating **	M	Issue No.	51
LM End	7.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.176861 °	38.167959 °
				-121.579747 °	-121.581616 °
DWR ID	DWR_RD0563_01_s_2016_51				
Comment Code					
Inspector Comment					
1997 - Pocket erosion into the toe of the levee. 2000 - Scallops in banks with small colored flags, biotech rolls present. 2001 - Staked, low fascine walls at bankline. 2003 - Still have visibly bad spots, especially at the upstream end. 2005 - Some new brush bundles in the brush boxes; some with missing bundles. Some boxes too low relative to high tide. 2010 - Site extended upstream. 2011 - Minor new erosion. 2015: Last observed in 2013. [2015 Site ID: GEO_5-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_51_20180305_00038.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0563 Tyler Island

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.66	Rating **	M	Issue No.	792 (cont)	
LM End	6.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.176465 °	38.176465 °	
				-121.579615 °	-121.579615 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40790 DS_ID:20153 EP_NO: 11202 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 4.5 feet below the crown. Vent/filler pipe in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder, and a 7-foot by 9-foot concrete distribution box on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11202, 1975 - Peter L. and Marian M. Campi). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 289+22.9)]. FS Date: 6/11/2013						

Photo 3 of 3 : UCIP_SP_2018_40790_24631.jpg



Steel walkway support for pipe on WS toe.

LM Start	6.67	Rating **	M	Issue No.	128
LM End	6.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.176387 °	38.176387 °
				-121.579670 °	-121.579670 °
DWR ID	DWR_RD0563_01_s_2017_128				
Comment Code					
PR : Prunings					
Inspector Comment					
Broken tree branches and limbs on landside slope.					

Photo 1 of 1 : SP_2018_RD0563_210_128_20180305_00109.jpg



Looking south at the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.74	Rating **	U	Issue No.	93
LM End	6.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.175352 °	38.175352 °
				-121.580177 °	-121.580177 °
DWR ID	DWR_RD0563_01_s_2018_93				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large fallen tree should be removed from waterside slope and shoulder.					

Photo 1 of 1 : SP_2018_RD0563_210_93_20180330_00244.jpg



Remove fallen tree from levee slope.

LM Start	6.75	Rating **	U	Issue No.	145
LM End	6.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.175219 °	38.174743 °
				-121.580053 °	-121.580016 °
DWR ID	DWR_RD0563_01_s_2014_145				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Untrimmed trees blocking view of landside toe.					

Photo 1 of 1 : SP_2018_RD0563_210_145_20180305_00122.jpg



Looking southeast at dense vegetation on landward slope and toe.

LM Start	6.80	Rating **	M	Issue No.	75
LM End	6.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.174598 °	38.174125 °
				-121.579972 °	-121.579892 °
DWR ID	DWR_RD0563_01_s_2013_75				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense landscaping on landside shoulder,slope and toe.					

Photo 1 of 1 : SP_2018_RD0563_210_75_20180305_00060.jpg

Looking south at dense landscaping on landward shoulder and slope.
(Spring 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.84	Rating **	M	Issue No.	113
LM End	6.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.173985 °	38.173985 °
				-121.579847 °	-121.579847 °
DWR ID	DWR_RD0563_01_s_2018_113				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	6.84	Rating **	U	Issue No.	119
LM End	6.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.173912 °	38.173523 °
				-121.579838 °	-121.579737 °
DWR ID	DWR_RD0563_01_s_2018_119				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Thick landscaping prohibits inspection and access.					

Photo 1 of 1 : SP_2018_RD0563_210_119_20180330_00242.jpg



Thick landside landscaping preventing inspection and access.

LM Start	6.89	Rating **	M	Issue No.	87
LM End	6.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.173323 °	38.173323 °
				-121.579628 °	-121.579628 °
DWR ID	DWR_RD0563_01_s_2013_87				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.95	Rating **	M	Issue No.	95
LM End	6.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.172351 °	38.172351 °
				-121.579520 °	-121.579520 °
DWR ID	DWR_RD0563_01_f_2012_95				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree should be removed from waterside slope.					

Photo 1 of 1 : SP_2018_RD0563_210_95_20180305_00081.jpg



Looking southwest at prunings on waterward slope.

LM Start	7.04	Rating **	M	Issue No.	793	
LM End	7.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.171156 °	38.171156 °	
				-121.579756 °	-121.579756 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14968 DS_ID:20154 EP_NO: 11214 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Verify type of abandonment. Wide berm on LS toe with some evidence of steel slide gate in soil at berm. FIELD_STRUCT_DESC: 1 of 2: 8-inch steel irrigation pipe through the levee, 3.7 feet below the crown. Siphon breaker on the waterside (WS) slope. (Automatic Board Order (ABO) issued as Permit No. 11214, 1975 - River Island Land Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 269+36) 1-inch air and primer valve, reinforced concrete spillbox]. FS Date: 6/13/2013						

Photo 1 of 3 : UCIP_SP_2018_14968_24637.jpg



Steel parts on LS toe may indicate location of distribution box.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.04	Rating **	M	Issue No.	793 (cont)	
LM End	7.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.171156 °		38.171156 °
				-121.579756 °		-121.579756 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14968 DS_ID:20154 EP_NO: 11214 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Verify type of abandonment. Wide berm on LS toe with some evidence of steel slide gate in soil at berm. FIELD_STRUCT_DESC: 1 of 2: 8-inch steel irrigation pipe through the levee, 3.7 feet below the crown. Siphon breaker on the waterside (WS) slope. (Automatic Board Order (ABO) issued as Permit No. 11214, 1975 - River Island Land Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 269+36) 1-inch air and primer valve, reinforced concrete spillbox]. FS Date: 6/13/2013						

LM Start	7.04	Rating **	M	Issue No.	793 (cont)
LM End	7.04	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_14968_24636.jpg



Steel parts on LS toe may indicate location of distribution box.

Photo 3 of 3 : UCIP_SP_2018_14968_24635.jpg



Wide berm on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.07	Rating **	U	Issue No.	151
LM End	7.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.170693 °	38.170693 °
				-121.579968 °	-121.579968 °
DWR ID	DWR_RD0563_01_f_2014_151				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense berryvines at landside toe.					

Photo 1 of 1 : SP_2018_RD0563_210_151_20180305_00126.jpg



Looking southeast at dense vegetation at landward toe.

LM Start	7.36	Rating **	M	Issue No.	117
LM End	7.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.166856 °	38.166856 °
				-121.582091 °	-121.582091 °
DWR ID	DWR_RD0563_01_f_2017_117				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_117_20180305_00097.jpg



Looking southwest at the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.36	Rating **	M	Issue No.	794
LM End	7.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.166832 °	38.166832 °
				-121.582112 °	-121.582112 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42743 DS_ID:20155 EP_NO: 11214 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for video inspection. FIELD_STRUCT_DESC: 2 of 2: 24-inch steel irrigation siphon through the levee, 0.5 feet below the crown. Vent and filler pipe on the landside (LS) slope. (Automatic Board Order (ABO) issued as Permit No. 11214, 1975 - River Island Land Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 252+40.7)]. FS Date: 6/13/2013					

LM Start	7.36	Rating **	M	Issue No.	794 (cont)
LM End	7.36	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_42743_24641.jpg



Pipe visible on WS slope.

Photo 2 of 2 : UCIP_SP_2018_42743_24640.jpg



Pipe, vent, and filler valve on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.42	Rating **	A/W	Issue No.	27
LM End	7.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.165981 °	38.165273 °
				-121.582394 °	-121.582593 °
DWR ID	DWR_RD0563_01_s_2015_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation in this area is currently thin, but should be monitored.					

No Photos

LM Start	7.53	Rating **	U	Issue No.	53
LM End	7.80	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.164462 °	38.160888 °
				-121.583092 °	-121.584807 °
DWR ID	DWR_RD0563_01_s_2016_53				
Comment Code					
Inspector Comment					
1997 - Pocket erosion at upstream end and into the levee toe under the Alder trees. 2003 - New brush boxes with wattles on bank. 2004 - No brush boxes. 2005 - Site extended from the downstream side of the bridge. Whole bank is vertical. 2010 - Some minor new erosion. 2011 - Site upgraded to CRITICAL. New erosion pockets throughout the site. Sites 4.5, and 4.6 were combined. 2015: Last observed in 2013. [2015 Site ID: GEO_4-5_L]					

Photo 1 of 1 : SP_2018_RD0563_210_53_20180305_00039.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.62	Rating **	A/W	Issue No.	97
LM End	7.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.163240 °	38.163240 °
				-121.583328 °	-121.583328 °
DWR ID	DWR_RD0563_01_s_2013_97				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Minor erosion on landside shoulder and slope should be monitored.					

Photo 1 of 1 : SP_2018_RD0563_210_97_20180305_00082.jpg



Looking east at slope erosion on landward shoulder and slope.

LM Start	7.72	Rating **	M	Issue No.	795
LM End	7.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.161873 °	38.161873 °
				-121.584109 °	-121.584109 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16304					
DS_ID:20185					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Slight depression in crown along pipe alignment may be indication of pipe internal failure. Good candidate for video inspection.					
FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 5.1 feet below the crown. [Additional Reference(s): USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 233+50.5)].					
FS Date: 6/13/2013					

Photo 1 of 2 : UCIP_SP_2018_16304_27464.jpg



Pipe visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.72	Rating **	M	Issue No.	795 (cont)	
LM End	7.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.161873 °	38.161873 °	
				-121.584109 °	-121.584109 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16304						
DS_ID:20185						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Slight depression in crown along pipe alignment may be indication of pipe internal failure. Good candidate for video inspection.						
FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 5.1 feet below the crown. [Additional Reference(s): USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 233+50.5)].						
FS Date: 6/13/2013						

Photo 2 of 2 : UCIP_SP_2018_16304_27463.jpg



Pipe visible on WS toe.

LM Start	7.74	Rating **	M	Issue No.	29
LM End	7.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.161607 °	38.161092 °
				-121.584258 °	-121.584470 °
DWR ID	DWR_RD0563_01_s_2012_29				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense (untrimmed) trees on landside slope. Branches on ground should also be removed.					

Photo 1 of 1 : SP_2018_RD0563_210_29_20180305_00021.jpg



Looking southeast at dense trees on landward slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.80	Rating **	U	Issue No.	90
LM End	7.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.160800 °	38.158922 °
				-121.584598 °	-121.585433 °
DWR ID	DWR_RD0563_01_s_2012_90				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Berryvines and willows on landside toe.					

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.94	Issue Type +	Ma	Location *	LS

Photo 1 of 5 : SP_2018_RD0563_210_90_20180305_00075.jpg



Looking southeast at dense vegetation at landward toe. (Spring 2015)

Photo 2 of 5 : SP_2018_RD0563_210_90_20180305_00076.jpg



Looking northeast at dense vegetation on landside toe.

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.94	Issue Type +	Ma	Location *	LS

Photo 3 of 5 : SP_2018_RD0563_210_90_20180305_00077.jpg



Looking south at dense vegetation on landside toe. (2012 Fall Inspection)

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.80	Rating **	U	Issue No.	90 (cont)	
LM End	7.94	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.160800 °	38.158922 °	
				-121.584598 °	-121.585433 °	
DWR ID	DWR_RD0563_01_s_2012_90					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Berryvines and willows on landside toe.						

Photo 4 of 5 : SP_2018_RD0563_210_90_20180305_00078.jpg



Looking northeast at dense vegetation on landside toe. (2012 Fall Inspection)

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.94	Issue Type +	Ma	Location *	LS

Photo 5 of 5 : SP_2018_RD0563_210_90_20180305_00079.jpg



Looking southwest at dense vegetation on landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.85	Rating **	M	Issue No.	13
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.160261 °	38.157625 °
				-121.585056 °	-121.586543 °
DWR ID	DWR_RD0563_01_s_2016_13				
Comment Code					
Inspector Comment					
1997 - Pockets of erosion into the levee toe. 1999 - Minor rock riprap and willow bundles place in a couple of spots. 2001 - Staked, low fascine walls at bankline. 2003 - Small unprotected pockets still eroding. 2004 - Numerous brush boxes, some falling apart, some with new bundles. 2005 - Some new brush boxes installed; some boxes are empty. Levee slope and banks still look bad with pocket scallops into the levee slopes. 2011 - Erosion continues and the number of pockets is increasing. 2013 - Some of the downstream end was repaired by the RD. 2015: Last observed in 2013. [2015 Site ID: GEO_4-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_13_20180305_00010.jpg



USACE 2013 Photo #1

LM Start	7.92	Rating **	M	Issue No.	796
LM End	7.92	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.159207 °	38.159207 °
				-121.585304 °	-121.585304 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16263					
DS_ID:23973					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to determine disposition of all gas lines in this immediate area.					
FIELD_STRUCT_DESC: Gas line of an unknown size or material through the levee, at an unknown depth. Gas line marker on the WS shoulder.					
FS Date: 6/13/2013					

Photo 1 of 2 : UCIP_SP_2018_16263_27401.jpg



Sign on WS shoulder.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.92	Rating **	M	Issue No.	796 (cont)	
LM End	7.92	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.159207 °	38.159207 °	
				-121.585304 °	-121.585304 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16263 DS_ID:23973 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine disposition of all gas lines in this immediate area. FIELD_STRUCT_DESC: Gas line of an unknown size or material through the levee, at an unknown depth. Gas line marker on the WS shoulder. FS Date: 6/13/2013						

Photo 2 of 2 : UCIP_SP_2018_16263_27400.jpg



Sign on WS shoulder.

LM Start	7.92	Rating **	M	Issue No.	797	
LM End	7.92	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.159148 °	38.159148 °	
				-121.585329 °	-121.585329 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16265 DS_ID:23974 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine disposition of all gaslines in this immediate area. FIELD_STRUCT_DESC: Gas line of an unknown size or material through the levee, at an unknown depth. Gas line marker on the WS shoulder. FS Date: 6/13/2013						

Photo 1 of 2 : UCIP_SP_2018_16265_27407.jpg



Sign on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.92	Rating **	M	Issue No.	797 (cont)	
LM End	7.92	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.159148 °	38.159148 °	
				-121.585329 °	-121.585329 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16265 DS_ID:23974 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine disposition of all gaslines in this immediate area. FIELD_STRUCT_DESC: Gas line of an unknown size or material through the levee, at an unknown depth. Gas line marker on the WS shoulder. FS Date: 6/13/2013						

Photo 2 of 2 : UCIP_SP_2018_16265_27406.jpg



Sign on WS shoulder.

LM Start	8.12	Rating **	M	Issue No.	40
LM End	8.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.156987 °	38.152919 °
				-121.587427 °	-121.591129 °
DWR ID	DWR_RD0563_01_s_2016_40				
Comment Code					
Inspector Comment					
1997 - Pockets of erosion into the levee at the water line. Alders are being undercut and rotating out into the channel. Damaged rock at upstream end. 2000 - New minor erosion. 2001 - Staked low fascine walls at bankline. 2002 - New "Brush Boxes" along the bank toe. 2003 - New erosion pockets in the middle of the site. 2005 - Some new bundles in the brush boxes. 2011 - Site upgraded to CRITICAL. Significant new erosion. Sites 3.6, 3.7, 3.71, and 4.0 were combined. 2012 - Rock has been placed in some of the erosion pockets since last year, however site remains critical. 2013 - Site no longer critical. The worst pockets were filled with rock by the local RD. 2015: Last observed in 2013. [2015 Site ID: GEO_3-8_L]					

Photo 1 of 1 : SP_2018_RD0563_210_40_20180305_00028.jpg



USACE 2013 Photo #1

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0563 Tyler Island

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	8.13	Rating **	M	Issue No.	798 (cont)	
LM End	8.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.156884 °	38.156884 °	
				-121.587464 °	-121.587464 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14988 DS_ID:20160 EP_NO: 9145 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for video inspection. Erosion in levee adjacent to pipe. FIELD_STRUCT_DESC: 2 of 2: 16-inch steel irrigation pipe through the levee, 3 feet below the crown. 14-inch steel irrigation siphon sleeved through the 16-inch pipe with annular space grouted. Air vent/filler pipe on the landside (LS) shoulder with a slide gate in a 48-inch steel standpipe on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 9145, 1973 - care of John Lewallen). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 212+44.5)]. FS Date: 6/13/2013						

Photo 3 of 3 : UCIP_SP_2018_14988_24668.jpg



Pipe visible on WS toe.

LM Start	8.18	Rating **	U	Issue No.	767
LM End	8.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.156878 °	38.156945 °
				-121.588505 °	-121.589258 °
DWR ID	DWR_RD0563_01_s_2015_767				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead dense vegetation blocking landside toe.					

Photo 1 of 3 : SP_2018_RD0563_210_767_20180305_00138.jpg



Looking south at the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	8.18	Rating **	U	Issue No.	767 (cont)	
LM End	8.22	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.156878 °		38.156945 °
				-121.588505 °		-121.589258 °
DWR ID	DWR_RD0563_01_s_2015_767					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dead dense vegetation blocking landside toe.						

Photo 2 of 3 : SP_2018_RD0563_210_767_20180305_00139.jpg



Looking south at dead vines at landward toe. (Spring 2017)

LM Start	8.18	Rating **	U	Issue No.	767 (cont)
LM End	8.22	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0563_210_767_20180305_00140.jpg



Looking south at dense wild vines at landward toe. (Fall 2016)

LM Start	8.38	Rating **	M	Issue No.	31
LM End	8.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.155974 °	38.155543 °
				-121.591452 °	-121.591595 °
DWR ID	DWR_RD0563_01_s_2012_31				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_31_20180305_00022.jpg



Looking southeast at untrimmed trees on landward slope and toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Reclamation District No. 0563 Tyler Island

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	8.47	Rating **	M	Issue No.	799 (cont)	
LM End	8.47	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.154648 °	38.154648 °	
				-121.591609 °	-121.591609 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14990 DS_ID:20161 EP_NO: 11217 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 11: 12-inch steel irrigation siphon pipe through the levee, 3.6 feet below the crown. Vent/filler pipe on the landside (LS) shoulder, and a slide gate in a 7-foot by 9-foot concrete distribution box on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11217, 1975 - Owen E. Wilkenson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 193+23.5)]. FS Date: 6/13/2013						

Photo 3 of 3 : UCIP_SP_2018_14990_24675.jpg



7'X9' concrete distribution box on LS toe.

LM Start	8.88	Rating **	M	Issue No.	800	
LM End	8.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.150420 °	38.150420 °	
				-121.586840 °	-121.586840 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16292 DS_ID:20163 EP_NO: 11217 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. Slide gate broken. FIELD_STRUCT_DESC: 3 of 11: 14-inch steel irrigation pipe through the levee, 4.2 feet below the crown. Vent/filler pipe on the landside (LS) shoulder. Slide gate in 7-foot by 9-foot concrete distribution box on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11217, 1975 - Owen E. Wilkenson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 171+57.5)]. FS Date: 6/13/2013						

Photo 1 of 3 : UCIP_SP_2018_16292_27453.jpg



Pipe visible on WS toe. See damage to pipe at bend.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	8.88	Rating **	M	Issue No.	800 (cont)	
LM End	8.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.150420 °		38.150420 °
				-121.586840 °		-121.586840 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16292 DS_ID:20163 EP_NO: 11217 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. Slide gate broken. FIELD_STRUCT_DESC: 3 of 11: 14-inch steel irrigation pipe through the levee, 4.2 feet below the crown. Vent/filler pipe on the landside (LS) shoulder. Slide gate in 7-foot by 9-foot concrete distribution box on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11217, 1975 - Owen E. Wilkenson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 171+57.5)]. FS Date: 6/13/2013						

LM Start	8.88	Rating **	M	Issue No.	800 (cont)
LM End	8.88	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_16292_27452.jpg



Concrete distribution box at LS toe.

Photo 3 of 3 : UCIP_SP_2018_16292_27451.jpg



Broken slide gate in 7'X9' concrete distribution box on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.10	Rating **	A/W	Issue No.	103	
LM End	9.42	Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.147360 °	38.146850 °	
				-121.586300 °	-121.590840 °	
DWR ID	DWR_RD0563_01_s_2018_103					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:71						
Site Designation:DWR_RD0563_01_R_2012_03						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

LM Start	9.20	Rating **	M	Issue No.	106
LM End	9.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.146167 °	38.145835 °
				-121.587483 °	-121.588532 °
DWR ID	DWR_RD0563_01_f_2013_106				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.25	Rating **	M	Issue No.	768
LM End	9.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.145897 °	38.145897 °
				-121.588203 °	-121.588203 °
DWR ID	DWR_RD0563_01_s_2015_768				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0563_210_768_20180305_00141.jpg



Looking south at the landside slope.

LM Start	9.25	Rating **	M	Issue No.	768 (cont)
LM End	9.25	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_768_20180305_00142.jpg



Looking at untrimmed tree on landward slope.

LM Start	9.28	Rating **	U	Issue No.	98
LM End	9.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.145825 °	38.145825 °
				-121.588807 °	-121.588807 °
DWR ID	DWR_RD0563_01_s_2013_98				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_98_20180305_00083.jpg



Looking southeast at untrimmed trees on landward slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.33	Rating **	M	Issue No.	73
LM End	9.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.145957 °	38.145957 °
				-121.589653 °	-121.589653 °
DWR ID	DWR_RD0563_01_s_2012_73				
Comment Code					
PR : Prunings					
Inspector Comment					
Large pruning pile on landside toe.					

Photo 1 of 3 : SP_2018_RD0563_210_73_20180305_00052.jpg



Looking east at large pruning piles at landward toe. (Spring 2017)

LM Start	9.33	Rating **	M	Issue No.	73 (cont)
LM End	9.33	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0563_210_73_20180305_00053.jpg



Looking east at prunings at landward toe. (Spring 2015)

LM Start	9.33	Rating **	M	Issue No.	73 (cont)
LM End	9.33	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2018_RD0563_210_73_20180305_00054.jpg



Looking east at prunings on landward slope. (Spring 2013)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.36	Rating **	M	Issue No.	769
LM End	9.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.146276 °	38.147034 °
				-121.590189 °	-121.590907 °
DWR ID	DWR_RD0563_01_s_2015_769				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_769_20180305_00143.jpg



Looking east at dense vegetation at landward toe. (Spring 2015)

LM Start	9.56	Rating **	M	Issue No.	801
LM End	9.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.148741 °	38.148741 °
				-121.592048 °	-121.592048 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16268 DS_ID:20166 EP_NO: 11217 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned as stand pipe is partially filled with soil. Abandon properly. No pictures taken. FIELD_STRUCT_DESC: 6 of 11: 10-inch steel irrigation pipe through the levee, 3.8 feet below the crown. Vent/filler pipe on the landside (LS) shoulder. 4-foot-diameter concrete standpipe on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11217, 1975 - Owen E. Wilkenson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 136+45.1)]. FS Date: 6/13/2013					

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.64	Rating **	M	Issue No.	36
LM End	9.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.149790 °	38.149790 °
				-121.592788 °	-121.592788 °
DWR ID	DWR_RD0563_01_s_2012_36				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Vegetation blocking view of levee slope.					

No Photos

LM Start	9.65	Rating **	M	Issue No.	99
LM End	9.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.149905 °	38.149905 °
				-121.592910 °	-121.592910 °
DWR ID	DWR_RD0563_01_s_2013_99				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Finger erosion on landside shoulder and slope.					

Photo 1 of 2 : SP_2018_RD0563_210_99_20180305_00084.jpg



Looking west at minor erosion on landward shoulder and slope.

LM Start	9.65	Rating **	M	Issue No.	99 (cont)
LM End	9.65	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_99_20180305_00085.jpg



Looking north at minor erosion on landward shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.73	Rating **	A/W	Issue No.	41
LM End	9.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.150820 °	38.150647 °
				-121.593650 °	-121.596858 °
DWR ID	DWR_RD0563_01_s_2016_41				
Comment Code					
Inspector Comment					
1997 - Erosion pockets into the toe of the levee. 2001 - Staked low fascine walls at the bankline. 2004 - Numerous "Brush Boxes." 2005 - Some new bundles in the brush boxes. 2012 - Site extended downstream to account for new bank sloughing. 2013 - Some rock added to the upstream end by the local RD. 2015: Last observed in 2013. [2015 Site ID: GEO_2-5_L]					

Photo 1 of 1 : SP_2018_RD0563_210_41_20180305_00029.jpg



USACE 2013 Photo #1

LM Start	9.73	Rating **	A/W	Issue No.	105
LM End	9.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.150820 °	38.151196 °
				-121.593650 °	-121.594780 °
DWR ID	DWR_RD0563_01_s_2018_105				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:70					
Site Designation:DWR_RD0563_01_s_2012_49					
Repair Type: Erosion					
Rating:Serious					
Field Date:6/9/2017					
Notes:					

Photo 1 of 3 : LEVAL_SP_2018_70_662.jpg

Could Not Find Photo

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.87	Rating **	U	Issue No.	124
LM End	9.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.150800 °	38.150800 °
				-121.596297 °	-121.596297 °
DWR ID	DWR_RD0563_01_s_2018_124				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Severe erosion site on sandy levee should be monitored and repaired before winter 2018/19.					

Photo 1 of 1 : SP_2018_RD0563_210_124_20180330_00243.jpg



Erosion in sandy levee should be repaired and site protected from future erosion.

LM Start	10.45	Rating **	M	Issue No.	43
LM End	10.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.143519 °	38.139918 °
				-121.599677 °	-121.596986 °
DWR ID	DWR_RD0563_01_s_2016_43				
Comment Code					
Inspector Comment					
1997 - Old damaged rock riprap along the toe. 1999 - Downstream end (400 ft) repaired with rock. 2002 - New rock/concrete rubble section on the downstream end. 2004 - Small pocket repairs at the downstream end. 2005 - Some new bundles in the brush boxes. 2012 - Some rock has been placed in last year. 2015: Last observed in 2013. [2015 Site ID: GEO_1-7_L]					

Photo 1 of 1 : SP_2018_RD0563_210_43_20180305_00031.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	10.59	Rating **	M	Issue No.	76
LM End	10.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.141940 °	38.141940 °
				-121.598033 °	-121.598033 °
DWR ID	DWR_RD0563_01_s_2012_76				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Deep depression on landside shoulder and slope; possible pipe collapse.					

Photo 1 of 4 : SP_2018_RD0563_210_76_20180305_00061.jpg



Looking northeast a depression on landside shoulder and slope above 10" irrigation pipe four feet below crown.

LM Start	10.59	Rating **	M	Issue No.	76 (cont)
LM End	10.59	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP_2018_RD0563_210_76_20180305_00062.jpg



Looking east at water ponding at landside toe just above 10" irrigation pipe.

LM Start	10.59	Rating **	M	Issue No.	76 (cont)
LM End	10.59	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP_2018_RD0563_210_76_20180305_00063.jpg



Looking west at depression on landside shoulder and slope from landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	10.59	Rating **	M	Issue No.	76 (cont)	
LM End	10.59	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.141940 °		38.141940 °
				-121.598033 °		-121.598033 °
DWR ID	DWR_RD0563_01_s_2012_76					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Deep depression on landside shoulder and slope; possible pipe collapse.						

Photo 4 of 4 : SP_2018_RD0563_210_76_20180305_00064.jpg



Looking west at depression on landside shoulder and slope.

LM Start	10.67	Rating **	U	Issue No.	100
LM End	10.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.140886 °	38.139079 °
				-121.597280 °	-121.596214 °
DWR ID	DWR_RD0563_01_s_2013_100				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Wild rose or grape vines on landside slope and toe.					

Photo 1 of 3 : SP_2018_RD0563_210_100_20180305_00086.jpg



Looking northeast at dense vegetation at landward toe. (Spring 2015)

LM Start	10.67	Rating **	U	Issue No.	100 (cont)
LM End	10.81	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2018_RD0563_210_100_20180305_00087.jpg



Looking south at dense vegetation at landward toe. (Fall 2014)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	10.67	Rating **	U	Issue No.	100 (cont)	
LM End	10.81	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.140886 °	38.139079 °	
				-121.597280 °	-121.596214 °	
DWR ID	DWR_RD0563_01_s_2013_100					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Wild rose or grape vines on landside slope and toe.						

Photo 3 of 3 : SP_2018_RD0563_210_100_20180305_00088.jpg



Looking south at additional dense vegetation at landward toe.

LM Start	10.99	Rating **	M	Issue No.	802
LM End	10.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.136937 °	38.136937 °
				-121.594521 °	-121.594521 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15002 DS_ID:20170 EP_NO: 11217 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe does not have appropriate clearance at Levee crown. FIELD_STRUCT_DESC: 9 of 11: 16-inch steel irrigation siphon pipe through the levee, 1 foot below the crown. Air vent/filler pipe on the landside (LS) shoulder. Slide gate in a 5-foot-diameter steel standpipe on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11217, 1975 - Owen E. Wilkenson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 60+34) (14-inch pipe listed)]. FS Date: 6/13/2013					

Photo 1 of 3 : UCIP_SP_2018_15002_24691.jpg



Vent/filler on pipe at LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	10.99	Rating **	M	Issue No.	802 (cont)	
LM End	10.99	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.136937 °	38.136937 °	
				-121.594521 °	-121.594521 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15002 DS_ID:20170 EP_NO: 11217 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe does not have appropriate clearance at Levee crown. FIELD_STRUCT_DESC: 9 of 11: 16-inch steel irrigation siphon pipe through the levee, 1 foot below the crown. Air vent/filler pipe on the landside (LS) shoulder. Slide gate in a 5-foot-diameter steel standpipe on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11217, 1975 - Owen E. Wilkenson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 60+34) (14-inch pipe listed)]. FS Date: 6/13/2013						

LM Start	10.99	Rating **	M	Issue No.	802 (cont)
LM End	10.99	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15002_24690.jpg



slide gate in steel riser on LS toe.

Photo 3 of 3 : UCIP_SP_2018_15002_24689.jpg



Pipe visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	11.01	Rating **	U	Issue No.	770
LM End	12.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.136623 °	38.130739 °
				-121.594216 °	-121.579678 °
DWR ID	DWR_RD0563_01_s_2015_770				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense veg (wildroses) at landside toe.					

Photo 1 of 3 : SP_2018_RD0563_210_770_20180305_00144.jpg



Looking southeast at the landside slope.

LM Start	11.01	Rating **	U	Issue No.	770 (cont)
LM End	12.00	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2018_RD0563_210_770_20180305_00145.jpg



Looking northeast at dead vines at landward toe. (Spring 2017)

LM Start	11.01	Rating **	U	Issue No.	770 (cont)
LM End	12.00	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0563_210_770_20180305_00146.jpg



Looking southeast at dense vegetation at landward toe. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	11.25	Rating **	M	Issue No.	118
LM End	11.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.134149 °	38.134149 °
				-121.591281 °	-121.591281 °
DWR ID	DWR_RD0563_01_f_2017_118				
Comment Code					
EQ : Equipment					
Inspector Comment					
Pipe bundles stored on landside slope.					

Photo 1 of 1 : SP_2018_RD0563_210_118_20180305_00098.jpg



Looking east at the landside slope.

LM Start	11.51	Rating **	M	Issue No.	42
LM End	11.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.131126 °	38.130368 °
				-121.588337 °	-121.582266 °
DWR ID	DWR_RD0563_01_s_2016_42				
Comment Code					
Inspector Comment					
1997 - Erosion pockets into the levee toe. 1999 - Some small pockets fixed with rock riprap. 2002 - New "brush boxes" along the bank toe. 2005 - Brush boxes are empty. Some pockets are filled with new stone. 2006 - Some new rock at the downstream end (~100 ft long). Several small pockets of new rock in scallops. Brush boxes in poor to fair condition. 2010 - Site looks a little worse, some toe rock but still has erosion scars at lower to mid slope. 2011 - Site upgraded to CRITICAL. Significant new erosion. Erosion scallops are vertical and almost the height of the levee. 2012 - Rock has been placed in some of the erosion scallops and therefore the site is no longer critical. 2013 - Site shortened site. The downstream half of site was repaired by RD. Pipe no longer in site limits. 2015: Last observed in 2013. [2015 Site ID: GEO_0-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_42_20180305_00030.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	11.76	Rating **	M	Issue No.	803
LM End	11.76	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.130291 °	38.130291 °
				-121.583981 °	-121.583981 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15004 DS_ID:20174 EP_NO: 11217 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 11 of 11: 12-inch steel irrigation siphon pipe through the levee, 4.5 feet below the crown. Air vent on the landside (LS) shoulder, and slide gate in a 7-foot by 9-foot concrete distribution box at the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11217, 1975 - Owen E. Wilkenson). [Additional Reference(s): DWR Levee Log, 1980. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 19+23.5)]. FS Date: 6/13/2013					

LM Start	11.76	Rating **	M	Issue No.	803 (cont)
LM End	11.76	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_15004_24705.jpg



Vent and distribution box visible on LS.

Photo 2 of 3 : UCIP_SP_2018_15004_24704.jpg



Distribution box and slide gate visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	12.00	Rating **	A/W	Issue No.	804 (cont)	
LM End	12.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.130726 °	38.130726 °	
				-121.579646 °	-121.579646 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15027 DS_ID:20172 EP_NO: 11213 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel drainage pipe through the levee, 1 foot below the crown. Pump on the landside (LS). Siphon breaker on the waterside (WS) shoulder. (18-inch pipe [HLM 12.28] at a depth of 4-feet authorized under Automatic Board Order (ABO) issued as Permit No. 11213, 1975 - Reclamation District No. 563). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 6+48.9)]. FS Date: 6/13/2013						

LM Start	12.00	Rating **	A/W	Issue No.	804 (cont)
LM End	12.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_15027_24730.jpg



20-inch pipe on LS toe.

Photo 3 of 3 : UCIP_SP_2018_15027_24729.jpg



Pipe and siphon breaker on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	12.00	Rating **	M	Issue No.	805
LM End	12.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130730 °	38.130730 °
				-121.579616 °	-121.579616 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15028					
DS_ID:20182					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Verify pipe is properly abandoned.					
FIELD_STRUCT_DESC: *REMOVED* 1 of 2: 36-inch steel drainage pipe through the levee, 4 feet below the crown. Shutoff valve at pump. Pipe visible on the waterside (WS) at headwall. (Replaced by a 30-inch pipe under Permit No. 2635, 1957 - Reclamation District No. 563).					
[Additional Reference(s): USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 6+39)].					
FS Date: 6/13/2013					

LM Start	12.00	Rating **	M	Issue No.	805 (cont)
LM End	12.00	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2018_15028_24736.jpg



Pipe at concrete headwall on WS slope.

Photo 2 of 2 : UCIP_SP_2018_15028_24735.jpg



Pipe at concrete headwall on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	12.03	Rating **	C	Issue No.	107
LM End	12.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.130776 °	38.130776 °
				-121.579063 °	-121.579063 °
DWR ID	DWR_RD0563_01_f_2013_107				
Comment Code					
GA : Garbage					
Inspector Comment					
Garbage on waterside shoulder.					

No Photos

LM Start	12.04	Rating **	M	Issue No.	47
LM End	12.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.130758 °	38.130758 °
				-121.579027 °	-121.579027 °
DWR ID	DWR_RD0563_01_s_2012_47				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim tree on landside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_47_20180305_00035.jpg



Looking northeast at the landside slope.

LM Start	12.04	Rating **	M	Issue No.	47 (cont)
LM End	12.04	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_47_20180305_00036.jpg



Looking northeast at untrimmed tree at landward slope. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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